

Claims:

- 1. A composition consisting essentially of a mixture of:
- a). dialkyl fumarate according to the structure:

tte according to the structure:

$$\begin{array}{c}
0 \\
RO - C \\
H
\end{array}$$
 $C = C - H \\
C - OR$

where R is a C₁₂-C₂₂ linear or branch-chained alkyl group, as component A of said mixture;

b). a polyethyleneglycol dihydroxystearate according to the structure:

$$R - O - CH_2CH_2 - O \rightarrow X R'$$

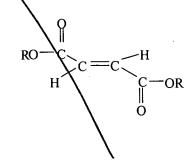
where R' is a 12-hydroxystearoyl group and X is an integer from 16 to 60, as component B of said mixture; and

c). an alkyl monoethanolamide according to the structure:

$$\begin{matrix} O & H \\ \parallel & \mid \\ R' - C - N - CH_2 CH_2 OH \end{matrix}$$

where R" is a C11-C21 linear or branch-chained alkyl group, as component C of said mixture; wherein the weight ratio of any one of said components A, B and C in said composition is no greater than about 3 times and no less than about 1/3 the weight ratio of any other component A, B, and C in said composition.

- 2. The composition according to claim 1 wherein said dialkyl fumarate is dibehenyl fumarate, said polyethyleneglycol dihydroxystearate is PEG 1500 dihydroxystearate and said alkyl monoethanolamide is stearic monoethanolamide.
- 3. The composition according to claim 1 wherein the weight ratio of any one of said components A, B and C in said composition is no greater than about 2 times and no less than about 1/2 the weight ratio of any other component A, B, and C in said composition.
- 4. The composition according to claim 2 wherein the weight ratio of components A, B and C in said composition is about 1:1:1.
- 5. The composition according to claim 2 wherein the weight ratio of components A, B and C in said composition is about 3:2:3.
- 6. The composition according to claim 1 further including an effective amount of at least one additive selected from the group consisting of surfactants, fragrances, preservatives, thickeners, gelling agents, anti-oxidants, vitamins, pigments, coloring agents, dispersing agents, conditioning agents, uv absorbing agents and humectants.
- 7. The composition according to claim 2 further including an effective amount of at least one additive selected from the group consisting of surfactants, fragrances, preservatives, thickeners, gelling agents, anti-oxidants, vitamins, pigments, coloring agents, dispersing agents, conditioning agents, uv absorbing agents and humectants.
 - 8. A composition in the form of an emulsion comprising:
 - a) about 1% to about 15% by weight of a dialkyl fumarate according to the structure:



where R is a C_{12} - C_{22} linear or branch-chained alkyl group as component A of said mixture;

b) about 1% to about 15% by weight of a polyethyleneglycol dihydroxystearate according to the structure:

$$R' - O - (CH_2CH_2 - O) \times R'$$

where R' is a 12-hydroxystearoyl group and X is an integer from 16 to 60, as component B of said mixture;

c) about 1% to about 15% by weight of an alkyl monoethanolamide according to the structure:

where R" is a C₁₁-C₂₁ linear or branch-chained alkyl group as component C of said mixture;

- d) about 5% to about 85% by weight of an emollient oil;
- e) about 10% to about 90% by weight water; and
- f) optionally, about 0.05% to about 50% by weight of an additive selected from the group consisting of surfactants, conditioning agents, coloring agents, pigments, fragrances, humectants, preservatives, anti-oxidants and oil and water soluble "actives" and medicaments, including vitamins, among numerous additional additives, including deodorant compounds, anti-perspirant compounds including salts, among others; with the proviso that the weight ratio of any one of said components A, B and C in said emulsion composition is no greater than about 3 times and no less than about 1/3 the weight ratio of any other component A, B and C in said emulsion composition.
 - 9. The composition according to claim 8 wherein said dialkyl fumarate is dibehenyl

fumarate, said polyethyleneglycol dihydroxyalkanoate is PEG 1500 dihydroxystearate and said alkyl monoethanolamide is stearic monoethanolamide.

- 10. The composition according to claim 8 wherein the weight ratio of any one of said components A, B and C in said composition is no greater than about 2 times and no less than about 1/2 the weight ratio of any other component A, B and C in said composition.
- 11. The composition according to claim 9 wherein the weight ratio of said components A, B and C in said composition is about 1:1:1.
- 12. The composition according to claim 9 wherein the weight ratio of said components A, B and C in said composition is about 3:2:3.
- 13. The composition according to claim 8 wherein said emollient oil is selected from the group consisting of petrolatum and mineral oil, fatty esters of maleates, neopentanoates, citrates, fumarates, esters of myristates, stearates, isostearates, palmitates, and animal and vegetable glyceride esters.
- 14. The composition according to claim 8 wherein said emollient oil is an animal or vegetable oil selected from the group consisting of soybean, sunflower, safflower, cottonseed, linseed, iticica, tung, castor, cocoanut, palm oil, fish oil and fish liver oil.
- 15. The composition according to claim 9 wherein said emollient oil is selected from the group consisting of petrolatum and mineral oil, fatty esters of maleates, neopentanoates, neopentanoyls, citrates, fumarates, esters of myristates, stearates, isostearates, palmitates, and animal and vegetable glyceride esters.
- 16. The composition according to claim 9 wherein said emollient oil is an animal or vegetable oil selected from the group consisting of soybean, sunflower, safflower, cottonseed, linseed, iticica, tung, castor, cocoanut, palm oil, fish oil and fish liver oil.

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- 17. The composition according to claim 11 wherein said emollient oil is selected from the group consisting of petrolatum and mineral oil, fatty esters of maleates, neopentanoates, citrates, fumarates, esters of myristates, stearates, isostearates, palmitates, and animal and vegetable glyceride esters.
- 18. The composition according to claim 11 wherein said emollient oil is an animal or vegetable oil selected from the group consisting of soybean, sunflower, safflower, cottonseed, linseed, iticica, tung, castor, cocoanut, palm oil, fish oil and fish liver oil.
- 19. The composition according to claim 9 wherein said emollient oil is selected from the group consisting of octyldodecyl neopentanoate, isopropyl myristate and octyl palmitate.
- 20. The composition according to claim 11 wherein said emollient oil is selected from the group consisting of octyldodecyl neopentanoate, isopropyl myristate and octyl palmitate.
- 21. The composition according to claim 8 wherein said water comprises at least about 50% by weight of said composition.
- 22. The composition according to claim 9 wherein said water comprises at least about 50% by weight of said composition.
- 23. The composition according to claim 10 wherein said water comprises at least about 50% by weight of said composition.
- 24. The composition according to claim 10 wherein said water comprises at least about 50% by weight of said composition.

5. Apersonal care composition in the form of an emulsion comprising:

a)/about 1% to about 15% by weight of a dialkyl fumarate according to the structure:

$$\begin{array}{c}
O \\
RO - C \\
H
\end{array}$$

$$C = C \xrightarrow{C - OR}$$

$$O$$

where R is a C₁₂-C₂₂ linear or branch chained alkyl group as component A of said mixture;

b) about 1% to about 15% by weight of a polyethyleneglycol dihydroxystearate according to the structure:

$$R - O - (CH_2) + O - (CH_2) \times R$$

where R' is a 12-hydroxystearoyl group and X is an integer from 16 to 60, as component B of said-mixture;

c) about 1% to about 15% by weight of an alkyl monoethanolamide according to the structure:

where R" is a C₁₁-C₂₁ linear or branch-chained alkyl group, as component C of said mixture;

- d) about 5% to about 85% by weight of an emollient oil;
- e) about 10% to about 90% by weight water; and
- f) about 0.5% to about 50% by weight of at least one additive selected from the group consisting of surfactants, skin and hair conditioning agents, coloring agents, pigments, fragrances, humectants, preservatives, anti-oxidants, oil and water soluble actives and medicaments, deodorant compounds, antiperspirant compounds, and mixtures thereof, with the proviso that the weight ratio of any one of said components A, B and C in said emulsion composition is no greater than about 3 times and no less than about 1/3 the weight ratio of

any other component A, B and C in said emulsion composition.

- 26. The composition according to claim 25 wherein said dialkyl fumarate is dibehenyl fumarate, said polyethyleneglycol dihydroxystearate is PEG 1500 dihydroxystearate and said alkyl monoethanolamide is stearic monoethanolamide.
- 27. The composition according to claim 25 wherein the weight ratio of any one of said components A, B and C in said composition is no greater than about 2 times and no less than about 1/2 the weight ratio of any other component A, B and C in said composition.
- 28. The composition according to claim/26 wherein the weight ratio of said components A, B and C in said composition is about 1:1:1.
- 29 The composition according to claim 26 wherein the weight ratio of said components A, B and C in said composition is about 3:2;3.
- 30. The composition according to claim 26 wherein said emollient oil is selected from the group consisting of petrolatum and mineral oil, fatty esters of maleates, neopentanoates, citrates, fumarates, esters of myristates, stearates, isostearates, palmitates, and animal and vegetable glyceride esters.
- 31. The composition according to claim 26 wherein said emollient oil is an animal or vegetable oil selected from the group consisting of soybean, sunflower, safflower, cottonseed, linseed, iticica, tung, castor, cocoanut, palm oil, fish oil and fish liver oil.
 - 32. The composition according to claim 25 comprising at least 50% by weight water.
 - 33. The composition according to claim 26 comprising at least 50% by weight water.
 - 34. The composition according to claim 27 comprising at least 50% by weight water.

- 35. The composition according to claim 28 comprising at least 50% by weight water.
- 36. The composition according to claim 29 comprising at least 50% by weight water.